

## **Reaction of dialkylphosphorous acids with 9-chloro-- 0-anthracenealdehyde, 9-anthracenealdehyde, and 9- butylmercapto-10-anthracenealdehyde**

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### **Abstract**

1. 9-Chloro-10-anthracenealdehyde, 9-anthracenealdehyde, and 9-butylmercapto--0-anthracenealdehyde react with dialkylphosphorous acids in the presence of either sodium alcoholate or triethylamine to give the corresponding dialkyl esters of anthranyl--hydroxyphosphonic acids. 2. Even under drastic conditions, 9-chloro-10-anthracenealdehyde does not react with triethyl phosphite. © 1970 Consultants Bureau.

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